

Wind Power for Ann Arbor?

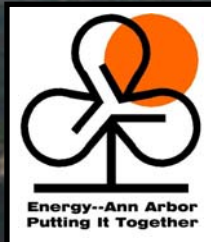


Image Courtesy of Western Power Corp.



Ann Arbor's Green Energy Challenge

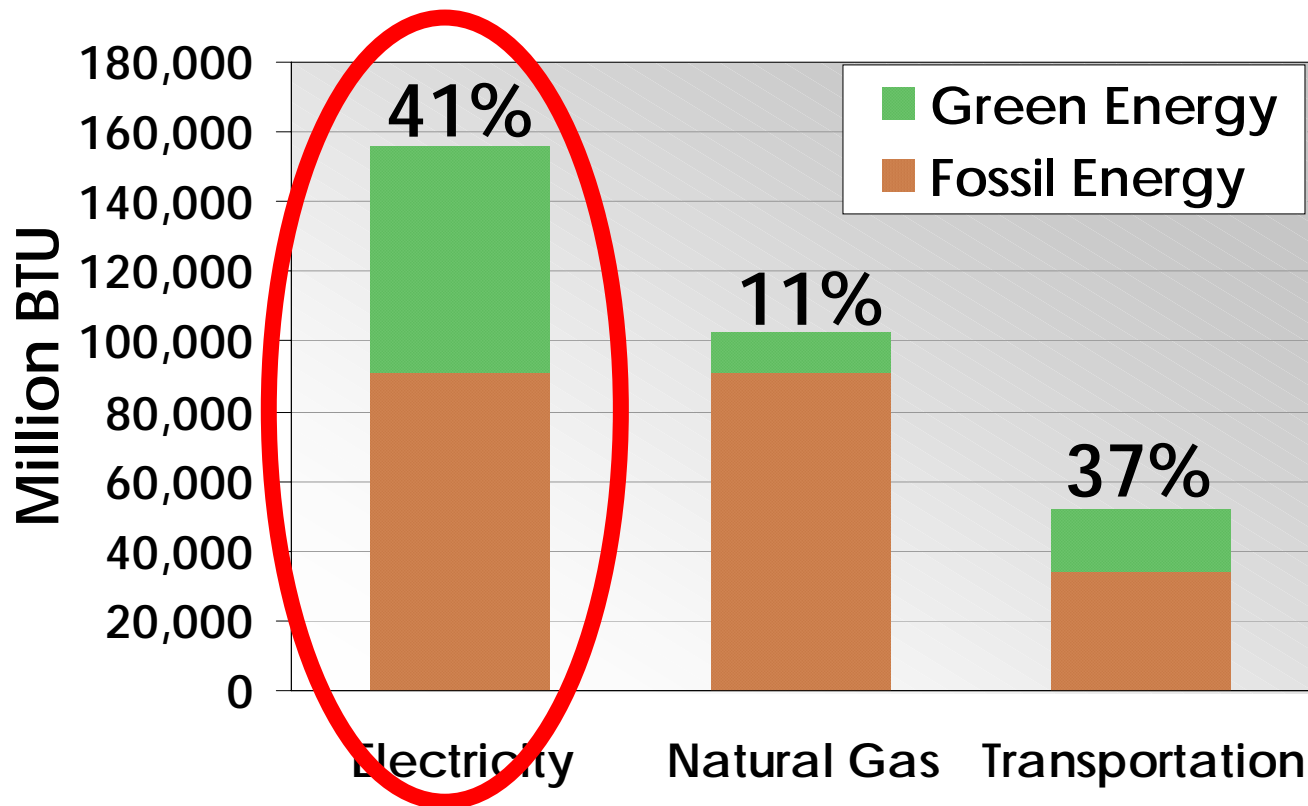
May 1, 2006 City Council Resolution:

- 30% by 2010 for Municipal Operations
- 20% by 2015 for Whole Community
- 20% Greenhouse Gas Reduction by 2015 (for Whole Community)



2010 Green Energy for Municipal Operations

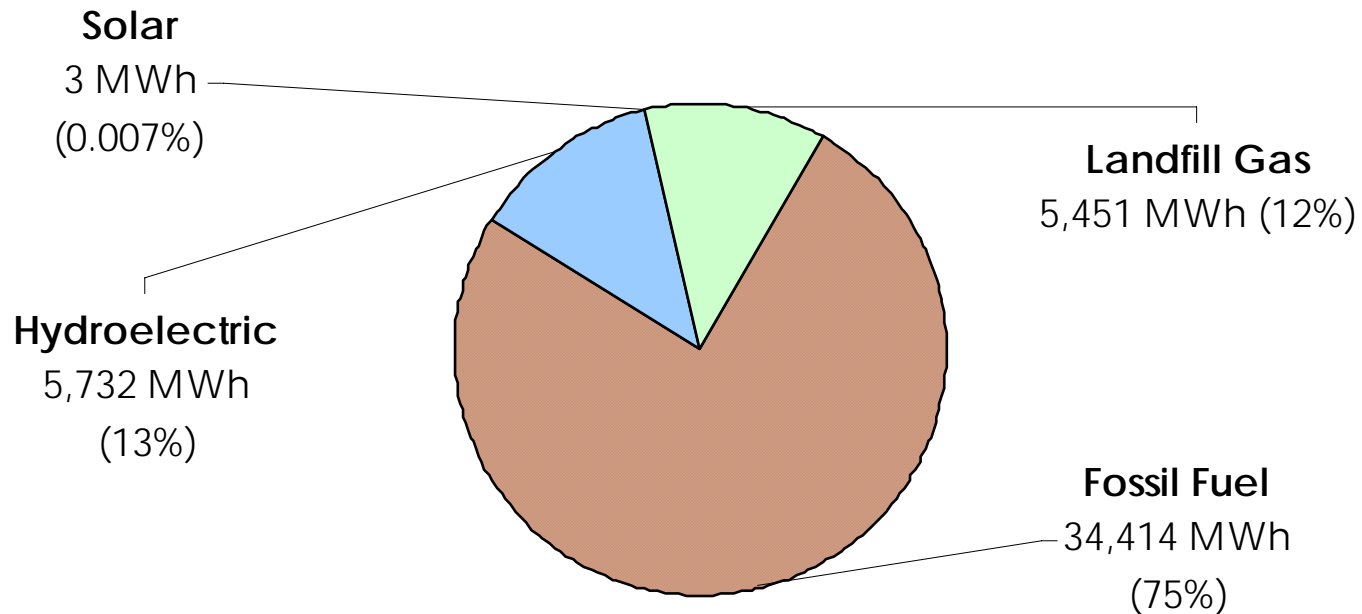
(Total = 30% Renewable)





Green Electricity for Municipal Operations

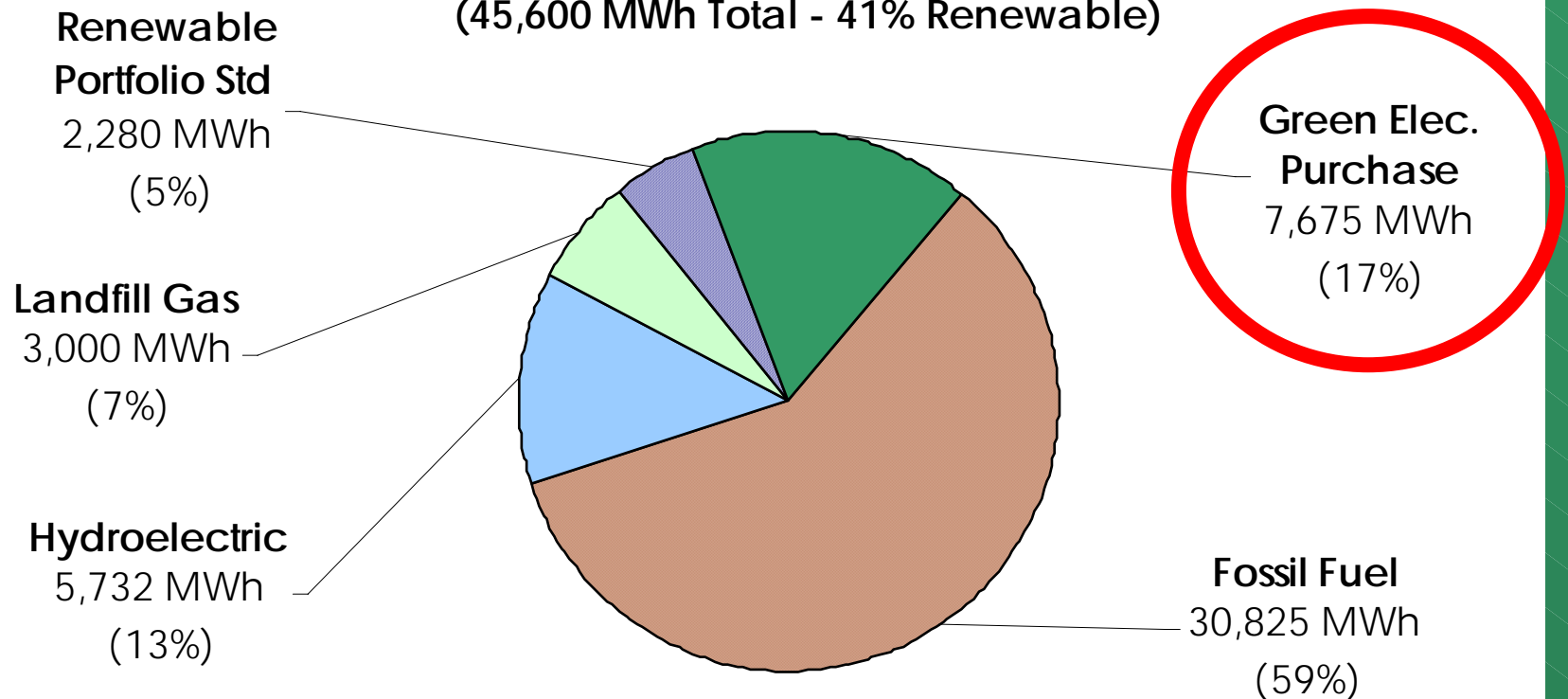
Municipal Electricity in 2006 (45,600 MWh Total - 25% Renewable)





2010 Green Electricity for Municipal Operations

Municipal Electricity in 2010 (45,600 MWh Total - 41% Renewable)



Green Power Consortium

- Pooling resources increases buying power
- Organizing potential purchasing partners
- Consortium uses **> 450,000 MWh/yr**



**University of
Michigan**



Pfizer - Ann Arbor



City of Ann Arbor



Washtenaw County



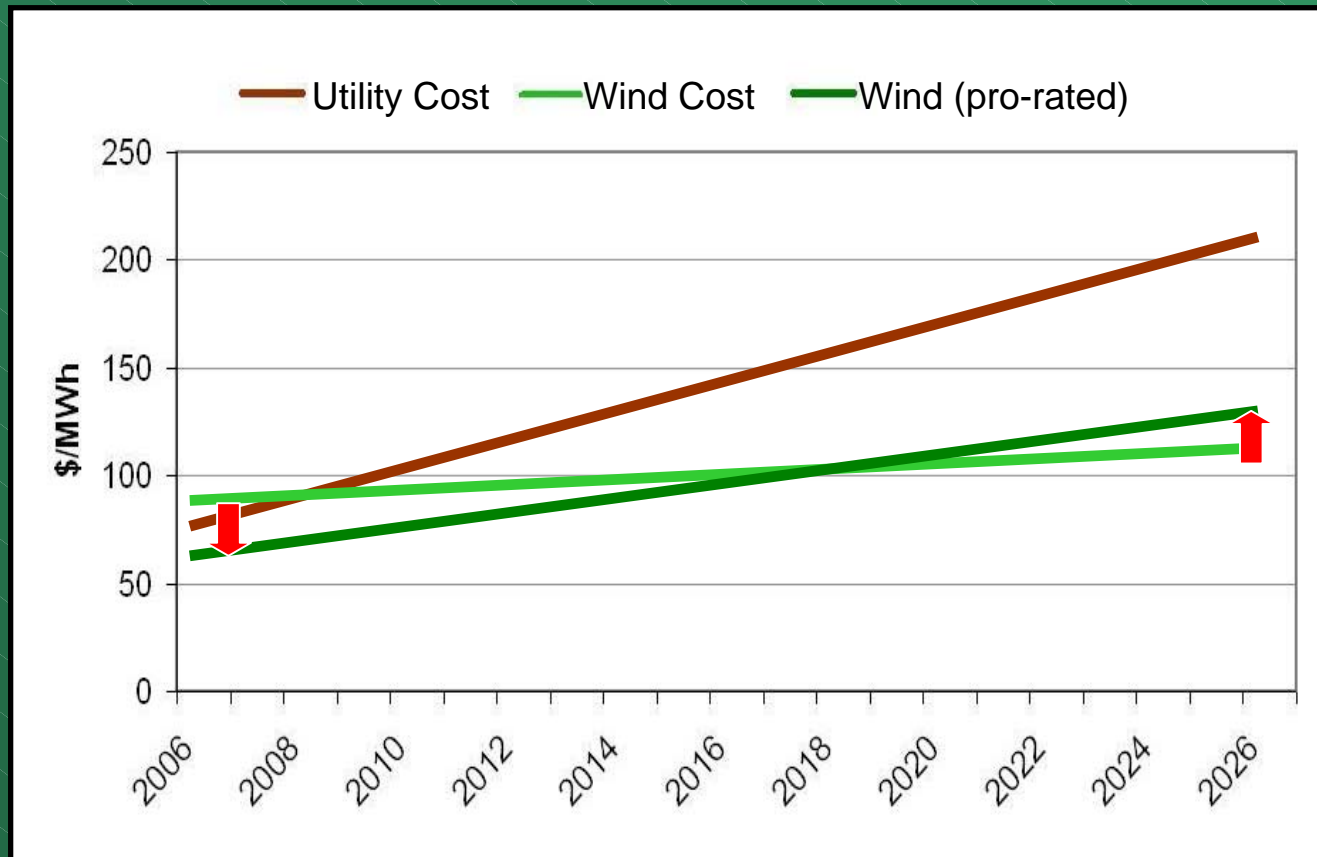
REC Purchase?

Buy Renewable Energy Certificates?

- "Cost-plus" option
- Bid control over source of RECs
- More expensive to incentivize MI renewables
- Building local renewables is a long-term goal

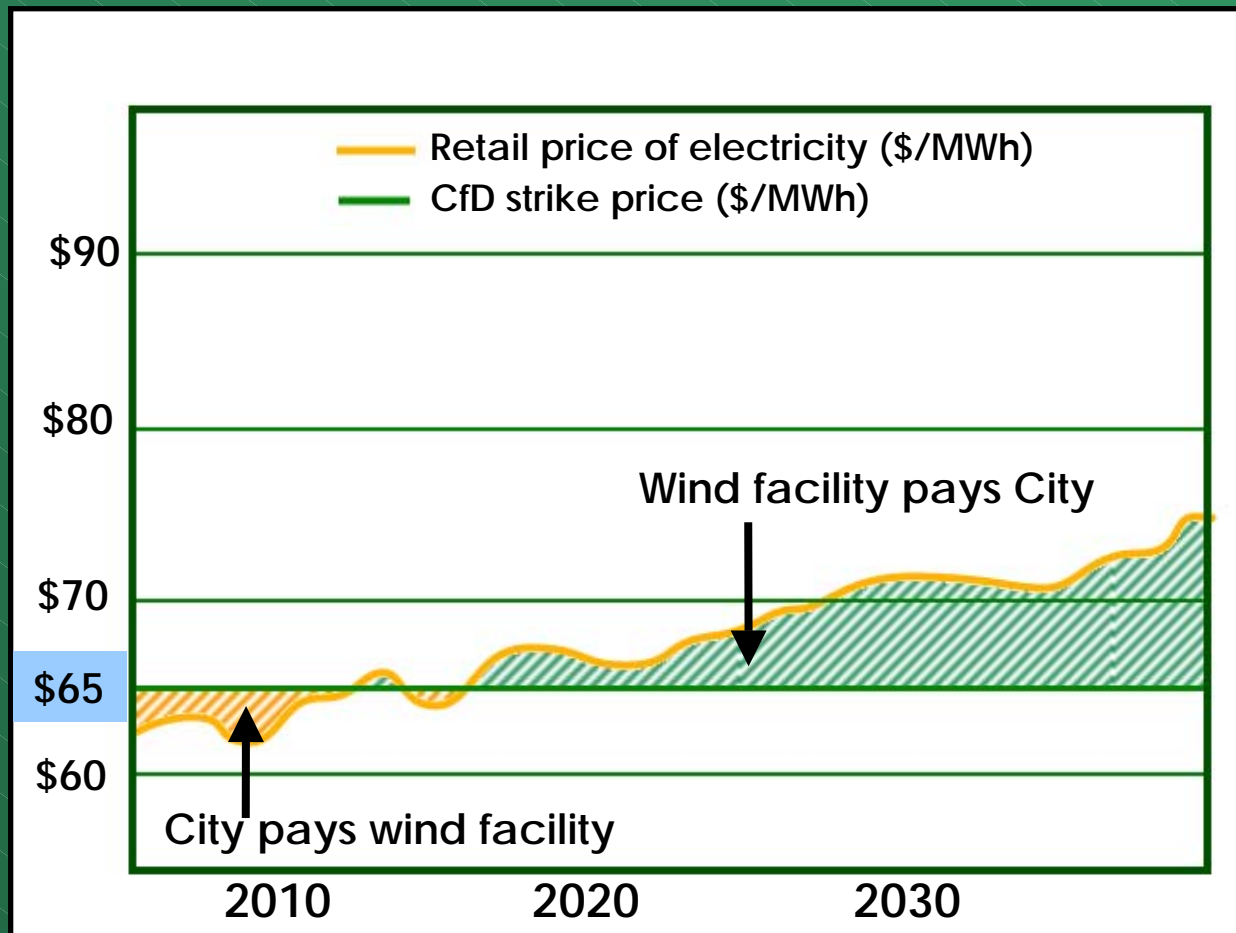


Long-Term Fixed-Rate Contract?





Contract for Differences A Financial Instrument





DTE Renewable Energy Steering Committee

Working with DTE:

- Explore long-term fixed-rate possibilities
- DTE renewable energy program needs MPSC approval



Why Not Build Locally? (Maybe Even Within City Limits?)

Looked at Closed City Landfill:

- + Space enough for 3-6 turbines
- + Close to transmission lines
- + Good winds (anecdotal, at least)
- Landfills very good bird habitat
- Close to City Airport

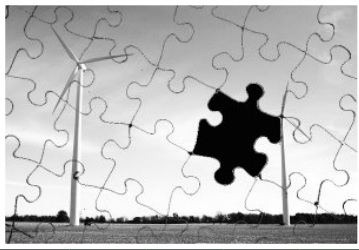
Idea currently put on hold



Maybe in the County?

Partnership with Washtenaw County:

- Longer payback ?
- Conduct 18-month Wind Studies at 3-5 sites in County
- Selected North Coast Wind & Power to guide study process
- Partner with U of M (atmospheric science)
- Team includes local bird expert
- Preparing to select study sites



What Happens Next?

Continue to Explore All Options:

- Short-term REC purchase
- Long-term, fixed rate contract
- Tariff options
- Local renewables